

<b>ORDER FOR SUPPLIES OR SERVICES</b>										PAGE 1 OF 12		
1. CONTRACT PURCH ORDER/AGREEMENT NO. <div style="border: 1px solid black; padding: 2px;">DAAE07-03-D-T073</div>			2. DELIVERY ORDER/CALL NO. <div style="border: 1px solid black; padding: 2px;">0010</div>		3. DATE OF ORDER/CALL (YYYYMMDD) <div style="border: 1px solid black; padding: 2px;">2004FEB20</div>		4. REQUISITION/PURCH REQUEST NO. <div style="border: 1px solid black; padding: 2px;">SEE SCHEDULE</div>		5. PRIORITY <div style="border: 1px solid black; padding: 2px;">DOA4</div>			
6. ISSUED BY TACOM WARREN BLDG 231 AMSTA-AQ-ADEBS TONI SPALDING (586)574-6290 WARREN, MICHIGAN 48397-5000 EMAIL: SPALDINT@TACOM.ARMY.MIL HTTP://CONTRACTING.TACOM.ARMY.MIL			CODE <div style="border: 1px solid black; padding: 2px;">W56HZV</div>		7. ADMINISTERED BY (If other than 6) DCMA CHICAGO 1523 WEST CENTRAL ROAD BLDG 203 ARLINGTON HEIGHTS IL 60004-2451 SCD: C PAS: NONE ADP PT: HQ0339			CODE <div style="border: 1px solid black; padding: 2px;">S1403A</div>		8. DELIVERY FOB  <input type="checkbox"/> DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule if other)		
9. CONTRACTOR  NAME AND ADDRESS CONLEY & ASSOCIATES, INC. CONLEY & ASSOCIATES, INC. 930 KEHRS MILL ROAD BALLWIN, MO. 63011-2462  TYPE BUSINESS: Small Disadvantaged Business Performing in U.S.			CODE <div style="border: 1px solid black; padding: 2px;">OJDM6</div>		FACILITY <div style="border: 1px solid black; padding: 2px;"></div>		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) <div style="border: 1px solid black; padding: 2px;">SEE SCHEDULE</div>			11. X IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input checked="" type="checkbox"/> WOMAN-OWNED		
14. SHIP TO <div style="border: 1px solid black; padding: 2px;">SEE SCHEDULE</div>			CODE <div style="border: 1px solid black; padding: 2px;"></div>		15. PAYMENT WILL BE MADE BY DFAS - COLUMBUS CENTER DFAS-CO/WEST ENTITLEMENT OPERATIONS P.O. BOX 182381 COLUMBUS, OH 43218-2381				CODE <div style="border: 1px solid black; padding: 2px;">HQ0339</div>		MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2	
16. TYPE OF ORDER		DELIVERY/ CALL <input checked="" type="checkbox"/>		THIS DELIVERY ORDER IS ISSUED ON ANOTHER GOVERNMENT AGENCY OR IN ACCORDANCE WITH AND SUBJECT TO TERMS AND CONDITIONS OF ABOVE NUMBERED CONTRACT.								
PURCHASE				Reference your <input type="checkbox"/> Oral <input type="checkbox"/> Written Quotation _____, Dated _____. furnish the following on terms specified herein.								
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.												
<div style="display: flex; justify-content: space-between;"> <div>NAME OF CONTRACTOR</div> <div>SIGNATURE</div> <div>TYPED NAME AND TITLE</div> <div>DATE SIGNED (YYYYMMDD)</div> </div> <div style="margin-top: 10px;"> <input checked="" type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:         </div>												
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE <div style="border: 1px solid black; padding: 2px;">SEE SCHEDULE</div>												
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/SERVICE				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE		23. AMOUNT	
		SEE SCHEDULE CONTRACT TYPE: Time-and-Materiels  KIND OF CONTRACT: Service Contracts										
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.					24. UNITED STATES OF AMERICA MARCIA CZAR /SIGNED/ CZARM@TACOM.ARMY.MIL (586)574-6278 BY: _____ CONTRACTING/ORDERING OFFICER					25. TOTAL \$400,000.00		
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO CONTRACT EXCEPT AS NOTED												
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE				
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP. NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		29. D.O. VOUCHER NO.		30. INITIALS		
f. TELEPHONE NUMBER			g. E-MAIL ADDRESS			31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR		
36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.										34. CHECK NUMBER		
a. DATE (YYYYMMDD)			b. SIGNATURE AND TITLE OF CERTIFYING OFFICER							35. BILL OF LADING NO.		
37. RECEIVED AT		38. RECEIVED BY (Print)		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NUMBER		42. S/R VOUCHER NO.		

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SUPPLEMENTAL INFORMATION

TASK ORDER 0010 to Basic Contract DAAE07-03-D-T073 is issued to award funding for the purchase of necessary hardware, cabling, and support equipments and materials to achieve a complete C4ISR suite installation in two (2) each Containerized Maintenance Facility (CMF) shelters supporting of Army watercraft systems and programs. See Section C included herewith.

1. Funding for this effort is allocated in Section B as indicated here:

		<u>Estimated Cost:</u>		<u>On Contract:</u>
CLIN 0032	Materials, C4ISR for two (2) shelters	\$207,322.50	[cost+G&A]	\$215,550.29
CLIN 0042	Travel, C4ISR for two (2) shelter installations	\$21,771.91	[cost+G&A]	\$22,000.00
CLIN 0052	Contractor Labor, two shelters/1 location (est. 3,069 hours for all labor per negotiated revised proposal, February 2004)	\$162,449.71	[firm fixed price]	\$162,449.71
TOTAL ESTIMATE/ROM COST:		\$391,544.12		
TOTAL THIS TASK ORDER:				<u>\$400,000.00</u>

2. No DD250 is required for the Labor portion of this contract separate from the remaining materials and travel. Contractor shall provide a final letter of completion which will accompany the final report for the total effort, summarizing all activity, bill of materials listing, and other data as agreed between Contractor and C4ISR Systems Acquisition Manager, Doug Belanger.

3. Contractor labor shall be invoiced in five (5) equal incremental monthly payments, beginning March 2004 with a final (5th) payment being made in July 2004. Each of the first four monthly invoice shall be processed in the amount of \$32,489.94, with the last payment being invoiced in the amount of \$32,389.95.

4. Contractor shall perform the work in accordance with Section C of the Basic Contract and the Scope incorporated herein.

5. All terms and conditions of the basic contract remain unchanged by and apply to this task order and requirements contained herein. The pricing formulas used in this task order award were established in the basic contract.

\*\*\* END OF NARRATIVE A 002 \*\*\*

Name of Offeror or Contractor: CONLEY & ASSOCIATES, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
	SUPPLIES OR SERVICES AND PRICES/COSTS													
0032	SECURITY CLASS: Unclassified													
0032AA	<p><u>C4ISR FOR TWO CMF SHELTERS</u></p> <p>NOUN: C4I - CONTAINERIZED MAINT PRON: P146H0482T      PRON AMD: 01      ACRN: AA AMS CD: 53901110187</p> <p>Materials and equipment in support of C4ISR suite installation in two (2) each CMF shelters. Material awarded on this CLIN as <u>actual cost+ G&amp;A</u> per basic contract.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u></p> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>001</td><td>0</td><td>30-JUL-2004</td></tr></table> <p>\$            215,550.29</p>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	0	30-JUL-2004		LO		\$ <u>215,550.29</u>
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	0	30-JUL-2004												

Name of Offeror or Contractor: CONLEY & ASSOCIATES, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT									
0042	SECURITY CLASS: Unclassified													
0042AA	<p><u>TRAVEL IN SUPPORT OF C4ISR FOR CMF</u></p> <p>NOUN: C4I - CONTAINERIZED MAINT PRON: P146H0482T      PRON AMD: 01      ACRN: AA AMS CD: 53901110187</p> <p>Travel in support of C4ISR suite installation in two (2) each CMF shelters. Travel is to be billed in accordance with current JTR. Funds awarded on this CLIN: <u>actual cost+ G&amp;A</u> per basic contract.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination      ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table><tr><td>DLVR SCH</td><td></td><td>PERF COMPL</td></tr><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>001</td><td>0</td><td>30-JUL-2004</td></tr></table> <p>\$            22,000.00</p>	DLVR SCH		PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	0	30-JUL-2004		LO		\$ <u>          22,000.00</u>
DLVR SCH		PERF COMPL												
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>												
001	0	30-JUL-2004												

Name of Offeror or Contractor: CONLEY & ASSOCIATES, INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT						
0052	SECURITY CLASS: Unclassified										
0052AA	<div><div><div>CONTRACTOR LABOR, C4ISR FOR CMF</div><div>NOUN: C4I - CONTAINERIZED MAINT PRON: P146H0482T    PRON AMD: 01    ACRN: AA AMS CD: 53901110187  Contractor labor in support of C4ISR suite installation in two (2) each CMF shelters; estimated 3,069 hours.  Labor dollars awarded on this CLIN are <u>firm</u> <u>fixed priced</u>.  (End of narrative B001)  <u>Inspection and Acceptance</u> INSPECTION: Destination    ACCEPTANCE: Destination  <u>Deliveries or Performance</u> DLVR SCH    PERF COMPL <table><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>001</td><td>0</td><td>30-JUL-2004</td></tr></table> \$      162,449.71</div></div></div>	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	0	30-JUL-2004				\$ 162,449.71
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>									
001	0	30-JUL-2004									

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DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 DEFINITIONS

- BD or BD Crane - Barge Derrick Crane, 115 ton
- C4ISR - Command and Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
- CEN - Communications, Electronics and Navigation
- CFR - Code of Federal Regulations
- \*CMF - Containerized Maintenance Facility
- DoD - Department of Defense
- FRNP - Federal Radio Navigation Plan
- IT - Information Technology
- JTR - Joint Travel Regulations
- LCU-2000 - Landing Craft, Utility
- SOLAS - Safety of Life at Sea Regulations
- ST - Small Tug, 900 series

C.2 BACKGROUND

The primary mission of Army Amphibian and Watercraft is that of logistical support. History has proven that armed forces with effective logistical systems accomplish their missions. With cuts in defense personnel and bases, a units capability to rapidly deploy, especially with their logistical, support is taking on a more important role. The deployment of logistical support is dependent on the availability and capability of transportation assets. Because the Army Amphibians and Watercraft have a primary role in logistical support, a continuous effort must be made to insure the vessels can perform their missions effectively. C4ISR/CEN equipment has a direct and very significant impact on mission accomplishment and safety.

The present configuration of C4I/CEN equipment onboard the Landing Craft Utility (LCU-2000), Barge Derrick Crane (BD, BD Crane), and Small Tug (ST-900) vessels was designed between the 1970s and the 1990s and fail to comply with current regulations; a suite for the Containerized Maintenance Facility has only recently been defined.\* There are operational short comings in the tactical arena, along with the inability to meet future, and some current regulatory requirements as specified by the United States Coast Guard (USCG), International Maritime Organization (IMO), Safety of Life at Sea (SOLAS), and Federal Communication Commission (FCC) regulations. Additionally, the current configuration of the C4I/CEN is no longer being manufactured. Repair parts are becoming expensive and increasingly difficult to obtain. The mean time to repair (MTTR) is on the rise, which decreases vessel availability, which in turn decreases the operational readiness of the U.S. Army.

By the year 2000 component parts required to repair printed circuit cards were no longer available. This has already occurred with the AN/URC-80. There are other items in the Army system where replacement parts are no longer available. When the supply system is exhausted, repairs will be made by cannibalization of parts from one item to fix another. Since this is already occurring with the type-classified, fully supported items, it is expected to be amplified with the low-density commercial non-developmental items (NDI) of equipment used by Army watercraft.

C.3 PROGRAM OBJECTIVE

The overall objective of this effort is to have the contractor use the Conceptual Study of Watercraft Communications, Electronics, and Navigational (CEN) equipment for Army Amphibians and Watercraft, dated June 1995, to identify items of Command, Control, Communications, Intelligence, Surveillance and Reconnaissance (C4ISR)/CEN equipment which will conform with current and future rules and regulations required to perform the Amphibians and Watercraft Missions as stated in AR 56-9 for the LCU-2000, Barge Derrick Crane, 115 ton, and Small Tug fleet, and the Containerized Maintenance Facility (CMF) program. The contractor will provide recommendations, information and data in support of both immediate retrofit/installations required to the communications systems, to include an necessary engineering support, and will provide the actual system installation/integration as required for the U.S. Army Tank-automotive and Armaments Command. This requirement specifically entails a determination of what the optimum C4ISR/CEN equipment/ package(s) should be on the Landing Craft, Utility Vessel (LCU-2000), the Barge Derrick Crane, 115 ton, the Small Tug (ST-900), and contained within the Containerized Maintenance Facility (CMF). This identification must take into account the current vessel communication configuration and the inclusion of actual Army requirements for use on the LCU-2000, the BD Crane, the ST, and the CMF. Additionally, Contractor shall use information identified for the LCU-2000, the BD Crane, the Small Tug and the Containerized Maintenance Facility system upgrades to provide recommendations, information, and data in support of Watercraft vessel/program maintenance and C4ISR/CEN suite familiarization training, to include technical manual(s), test equipment, and will serve as a liaison between commercial entities and the government.

C.4 PROGRAM REQUIREMENTS and DELIVERABLE'S

The Contractor shall provide all necessary labor, materials, supplies, travel and services to provide technical support to the watercraft communications Systems Acquisition Manager (SAM) for C4ISR/CEN equipment, and develop documents consisting of data gathered as the result of vessel inspection and evaluation, updates and changes made to the systems as a result of immediate necessary upgrades, and provide a final recommendation of system changes

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**Name of Offeror or Contractor:** CONLEY & ASSOCIATES, INC.

to be considered for the future.

The inspection and evaluation information shall be concise enough to enable the Contractor to recommend system upgrades and full C4I/CEN suite(s) as appropriate to meet Army watercraft requirements, provide recommendations for maintenance and/or modifications and improvements of C4ISR/CEN for the Landing Craft, Utility Vessel (LCU-2000), the BD Crane, the Small Tug, and the Containerized Maintenance Facility program to include familiarization training and technical manual(s) updates.

The contractor will provide Federal Communication Commission (FCC) Global Marine Distress and Safety System (GMDSS) licensed and factory-trained/certified personnel support to the PM for this effort. The scope of coverage will include material change/modification subject matter technical expertise for all TACOM managed watercraft systems. Emphasis will be placed on total contractor support for the C4I/CEN MWO program.

**C.4.1 Program - LCU 2000 & BD Crane, Small Tug (900 series) and Containerized Maintenance Facility:**

The contractor shall develop and provide a recommendation for an Army configuration for C4ISR/CEN installation on the LCU-2000, the 115 ton Barge Derrick Crane, the Small Tug (900 series), and for the Containerized Maintenance Facility (CMF). Future efforts on these vessels/program systems may require travel to locations world wide, however, the initial effort shall include a LCU-2000 vessel presently located at the Hythe Army Depot, Southampton, England, UK, one BD Crane located at Ft. Eustis, Virginia, and one Small Tug being configured at Orange Shipbuilding in Orange, Texas.

LCU 2000, BD Crane, Small Tug and Containerized Maintenance Facility Program efforts MAY include ANY/ALL of the following:

C.4.1.1 Review and analyze the installed communications equipment presently on the vessel(s). Provide written comments of this analysis within 30-days of review/inspection.

C.4.1.2 Using the results of this analysis, identify a recommendation for an Army C4ISR/CEN system for the LCU-2000, BD Crane, Small Tug, and Containerized Maintenance Facility. Ensure that the C4ISR equipment configurations provide for appropriate multi service C4ISR operational needs to adequately support secure communications. See DID DI-MGMT-80048, Final Report.

C.4.1.3. Contractor shall conduct research and review of C4ISR technical documentation, to include test development, instrumentation, test plans, and surveys.

C.4.1.4 Prepare reports and charts as they relate to the Army configuration on the C4ISR/CEN system for the vessels/systems. These reports and charts will contain information on the communications system/suite, presently on-board the LCU-2000, BD Crane and Small Tug vessels; the Contractors recommendation for the Armys C4ISR/CEN system suite for the vessels and the Containerized Maintenance Facility; and, cost ROM estimates and budgetary requirements for the recommended Army C4ISR/CEN system suite, as known at time of recommendation. All data provided herewith shall be part of the completed Final Report.

C.4.1.5 Contractor equipment recommendations shall take into account the compliance with multi-service command and control elements: U.S. Coast Guard, Federal Communication Commission, Safety of Life At Sea, Global Maritime Distress and Safety System, and other applicable national and international rules and regulations.

C.4.1.6 Contractor shall provide block schematic diagram drawings of the LCU-2000, BD Crane, Small Tug, and the Containerized Maintenance Facility communications systems upon completion of inspection review for new communications suite has been completed and accepted by the government. Due not later than 120-days after task order completion. See Contract Data Requirement List A001, Data Item Authority DI-GDRQ-81223.

C.4.1.7 Prepare data for the Final Report based on the coordinated and accepted/approved C4ISR/CEN system recommendation from the CASCOM and TACOM SINCS. This data should contain recommendations concerning the projected requirements for maintenance, training, technical manuals, and tools, test equipment and other items as may pertain to an Army configuration of the C4ISR/CEN system suite. See Contract Data Requirement List A002, Data Item Authority DI-MISC-80048.

C.4.1.8 A Draft Final Report will be due within 30-days after completion of this contract and each task order; final copy within 15-days after response from government (i.e., incorporate changes). The Government will review the report and provide a response within 15-days to contractor. Contractor will make any required changes and resubmit within 15-days of receipt of Government comments.

**C.4.2 Surge Effort for LCU-2000s:**

Contractor shall make arrangements to provide immediate C4ISR/CEN installations in accordance with the list of materials required and incorporated herewith below, on three (3) each LCU-2000 vessels located at Hythe Army Depot, Southampton, England UK. This is anticipated to be a surge effort which must be completed within not more than 21-

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days after award.

C.4.2.1 Upon installation of the equipment Contractor shall operational-test each addition to the vessels CEN, correcting any deficiencies found.

C.4.2.2 Contractor shall provide familiarization training for any equipment being installed which the unit, vessel crew/master may not have used or been previously trained in the use of.

C.4.2.3 Contractor shall provide written technical manual changes to the SAM within 30-days after completion of the installation effort.

C.4.2.4 Work on the LCU-2000s shall be performed on-board the vessels at their current duty location: Hythe Army Depot, Southampton, England UK. Period of performance shall be identified in the individual task order, but performance of installation of materials for this immediate surge effort must be completed within no more than 21-days after award.

C.4.3 Effort for Small Tug, 900 Series Vessels:

Contractor shall make arrangements to provide immediate C4ISR/CEN installations for the ST-913 vessel, and procure material for the ST-914 vessel in accordance with the list of materials required and incorporated herewith. The ST-913 requires installation of communications systems materials at the ship builder's site in Orange, Texas. Required installation for the ST-913 is urgent; target for completion to be not later than 9 May 2003.

The ST-914 vessel is due for fielding approximately August, 2003. Determination of location for systems install and dates for installation shall be coordinated between contractor, Orange Shipbuilding, and the SAM for the Small Tug, Terry Lauscher (586) 574-8141.

C.4.3.1 Upon installation of the equipment Contractor shall operational-test each addition to the vessels CEN, correcting any deficiencies found.

C.4.3.2 Contractor shall provide familiarization training for any equipment being installed which the unit, vessel crew/master may not have used or been previously trained in the use of.

C.4.3.3 Contractor shall provide written technical manual changes to the SAM within 30-days after completion of the installation effort.

C.4.3.4 Work on the Small Tug 900 series vessels shall be performed on-board the vessels. The ST-913 shall be worked at their current duty location: Orange Shipyards, Orange, Texas. The ST-914 location shall be determined and coordinated per paragraph C.4.3 above. Period of performance shall be identified in the individual task order, but performance of installation of materials for this immediate effort must be completed within no more than 21-days after award.

C.4.4 Effort for the Containerized Maintenance Facility (CMF) Program:

Contractor shall make arrangements when a task order is issued to provide immediate C4ISR/CEN installations for the CMF shelter(s), presently two (2) each, and procure material for the system in accordance with the list of materials required and incorporated within the basic contract C4I/CEN listing.

C.4.4.1 Upon installation of the equipment Contractor shall operational-test each addition to the system's C4I/CEN, correcting any deficiencies found.

C.4.4.2 Contractor shall provide C4I/CEN system familiarization training for any equipment being installed which the unit may not have used or been previously trained in the use of.

C.4.4.3 Contractor shall provide written technical manual changes to the SAM within 30-days after completion of the installation effort.

C.4.4.4 Work on the Containerized Maintenance Facility C4I/CEN systems shall be performed within the shelters as necessary. The location(s) shall be identified in the individual task orders along with the period of performance.

C.5 MATERIAL

Materials required for this effort include, but are not limited to, the following. Quantities are assumed to one (1) each per vessel/system unless otherwise specified below. Shipping shall be included in the cost of the material when priced on each task order.

INSA System

Desktop INSA Computer (2 monitors, keyboard, mouse)

INSA Software

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Chart coverage for 1-year  
Mini plex  
Video Split  
Cables

Other Equipments/Materials

Salts-Ruggedized System  
Cables for Salts System  
SeaPak-M  
Ancillary equipment for SeaPak-M  
Case for SeaPak-M  
Fabrications  
Miscellaneous hardware

Radar replacement (if/as needed and approved by Task Order initiation)

X-band radar  
S-band radar

Immarsat

C.6 PROGRAM TRAVEL:

C.6.1 Contractor travel is required in support of this Statement of Work . Duration of each trip will be driven by the requirements of individual Task Orders. A summation of the travel shall be included in the Final Report submitted for each vessel upon completion.

C.6.2 Contractor personnel assigned to these efforts must have a valid U.S. Passport.

C.6.3 Travel shall be charged in accordance with rates in the Joint Travel Regulations, including for meal allowances, hotel, and air fare. A measure of reasonableness will be considered in circumstances where urgency is required.

C.6.4 Contractor shall coordinate with Program Executive Office (PEO), office of Program Management (PM) for Watercraft, SAM for the communications systems and/or the SAM for the BD Crane vessel program and/or the SAM for the LCU-2000 vessel program and/or SAM for the CMF program when scheduling visits to units and vessels, and any operational tests and observations.

C.6.5 Where practical, a five-day (5) notice prior to travel will be provided to TACOM, Mr. Douglas Belanger, System Acquisition Manager, C4ISR programs.

C.6.5.1 For the LCU-2000 SURGE EFFORT, Contractor shall expect to travel to the Hythe Army Depot, Southampton, England UK. Any and all other LCU-2000 efforts under this contract may take place anywhere world wide that the vessel may be positioned.

C.6.5.2 For the Barge Derrick Crane effort, there is a potential for travel to Tacoma, Washington; Baltimore, Maryland, and Ft. Eustis, Virginia at this time.

C.6.5.3 For the Small Tug fleet effort there is a potential for travel to Orange, Texas, Orange Shipbuilding; and Ft. Eustis, Virginia at this time.

C.6.5.4 Efforts for installation of the C4I/CEN to the CMF system may require travel to Rock Island, Illinois.

C.5. PROGRAM DELIVERABLE'S:

A Final Report shall be provided at completion of the efforts as detailed in individual Task Orders. This/these reports shall include the accepted/approved C4ISR/CEN suite data, any/all recommendations concerning the requirements for maintenance, training, technical manuals, and tools, test equipment and other important developments pertaining to the C4ISR program suite, and shall include a summary of all travel required in support of the effort(s). Contractor shall not be limited by the amount of data to be included in this report, with the exception of inclusion of any identified item herein (Section C).

C.6 REFERENCE DOCUMENTATION

The Contractor shall review, and use as appropriate, the following documents as guidance in preparing their recommendation for an Army C4ISR suite for the LCU-2000, the BD Crane and the Small Tug fleet, and the Containerized Maintenance Facility (CMF) program.

- Army Watercraft Master Plan (AWMP)
- Federal Radio Navigation Plan (FRNP)
- Global Maritime Distress and Safety System (GMDSS)

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- Safety of Life at Sea Regulations (SOLAS)
- Army Regulation 56-9 (AR)
- Conceptual Study of Watercraft Communications, Electronics, and Navigational Equipment and Systems, dated June 1995.

C.7 SECURITY

The contractor shall provide security to a level necessary to meet the requirements of the tasks requested, and in accordance of the requirements of the DD Form 254 and its implementation documents. Due to the Communications Secure (COMSEC) capability of the C4ISR/CEN suite equipment, employees working in support of any aspect of this contract and its subsequent Task Orders shall hold a current SECRET Security Clearance. A written statement identifying key personnel for the program as well as a statement of compliance with the above requirement is due within 5-days of contract award.

C.8 LICENSING and TRAINING:

(note-changes to requirements in C.1.1 made in accordance with current requirements)

At least one individual performing work under this contract and individual Task Orders will be:

- Licensed by the FCC as a GMDSS Maintainer and GMDSS Operator, or;
- Licensed by the FCC as a General Radiotelephone operator, or;
- Licensed by the FCC as a General Radiotelephone Operator with Radar Endorsement, or;
- Be certified by the National Marine Electronic Association (NMEA) as a Senior Grade Certified Marine Electronic Technician (CMET) and;
- Be certified/factory trained to perform maintenance and repairs on electronic equipment installed on

Army Watercraft,

Be licensed by the FCC as a GMDSS Radio Operator/Maintainer with Radar Endorsement and;

Be licensed by the U.S. Coast Guard as a Radar Operator, and

Have received training in conducting Non-Ionizing RF Radiation Surveys, and

Have successfully completed training on Gyro Compass Systems used on-board Army watercraft, and

Have successfully completed training on Radar and Communication Systems use on-board Army watercraft, and

Be familiar with the U.S. Army method of performing Electromagnetic Interference Surveys on-board Army watercraft.

All employees and/or subcontractor employees who will be working with or handling communications/COMSEC equipment must possess a SECRET Security Clearance.

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TASK ORDER SPECIFIC REQUIREMENTS:

1. Conley & Associates, Inc. (CAI) shall perform the C4ISR system installation in two each (2) Containerized Maintenance Facility (CMF) shelters located at the Rock Island Arsenal, Rock Island, Illinois.

2. The C4ISR system will provide the CMF with the following capabilities:

- a. Very High Frequency (BHF) tactical system with voice capabilities  
1-each per CMF shelter
- b. InMarsat system with voice and data capability  
1-each per CMF shelter
- c. Standard Automated Logistics Tool System (SALTS) to operate/be located in conjunction with the InMarsat System providing the SALTS gateway  
1-each per CMF shelter
- d. Hand Held Radios  
1-set each per CMF shelter

3. It is recommended that CAI perform a site survey of the containers to analyze and assess the CMF installation footprint, space availability, and determine the best technique to apply for this suite install.

4. CAI will provide all equipment necessary to facilitate equipment installations in both Containerized Maintenance Facility shelters at the Rock Island Arsenal.

5. CAI will, within 2-weeks of award of this task order, or as soon as known, identify any long lead material items that might delay the project. Additionally, a target for expected delivery and future installation

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>  <b>PIIN/SIIN</b> DAAE07-03-D-T073/0010 <b>MOD/AMD</b>	<b>Page 11 of 12</b>
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date is also required.

6. CAI is to coordinate all aspects of the project that will require any modifications to the CMF shelter in the terms of mounting ancillary equipment or shelter penetrations, etc. as are perceived to be required. Coordination shall take place with the CMF System Acquisition Manager (SAM), Steve Dull, and the C4ISR System Acquisition Manager, Doug Belanger.

7. CAI will perform a system operation and verification testing of all equipment and systems installed as he C4ISR suite, and any systems that may integrate with the C4ISR, upon completion of the installation.

8. CAI is required to provide a Final Inspection Report (FIR) at the completion of the installation, in contractor format, and will be authorized final pay for the effort upon approval and acceptance by the government. At a minimum the FIR will include (1) a complete bill of materials, (2) an installation diagram [1/shelter if different from each other in anyway], and, (3) a description of the system operational testing and verification efforts.

9. CAI is to coordinate all efforts with the CMF SAM, Steve Dull, and the C4ISR SAM, Doug Belanger.

10. CAI is to begin work immediately upon award to meet program fielding requirements. If/as fielding dates/requirements change, the contractor shall be immediately informed

11. Government requirements to be provided either immediately after award or concurrent with other activities as listed below:

- a. Government Furnished Information (GFI)
- b. Government will facilitate the InMarsat terminal activation during the FIR portion of the installation effort.
- c. Government will provide CAI access to the CMF onsite manufacturing facility for assessment and installation of the C4ISR suite.

\*\*\* END OF NARRATIVE C 001 \*\*\*

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CONTRACT ADMINISTRATION DATA

PRON/								JOB			
LINE	AMS	CD/	OBLG					ORDER	ACCOUNTING		OBLIGATED
ITEM	MIPR	ACRN	STAT	ACCOUNTING CLASSIFICATION				NUMBER	STATION	AMOUNT	
0032AA	P146H0482T	AA	1	21	42035000041C1C09P53901125FB	S20113	4ZCW05	W56HZV	\$	215,550.29	
	53901110187										
	A14P51871CWB										
0042AA	P146H0482T	AA	1	21	42035000041C1C09P53901125FB	S20113	4ZCW05	W56HZV	\$	22,000.00	
	53901110187										
	A14P51871CWB										
0052AA	P146H0482T	AA	1	21	42035000041C1C09P53901125FB	S20113	4ZCW05	W56HZV	\$	162,449.71	
	53901110187										
	A14P51871CWB										
									TOTAL	\$	400,000.00
SERVICE								ACCOUNTING		OBLIGATED	
NAME	TOTAL BY ACRN		ACCOUNTING CLASSIFICATION				STATION		AMOUNT		
Army	AA		21	42035000041C1C09P53901125FB	S20113	W56HZV		\$	400,000.00		
									TOTAL	\$	400,000.00